

REMARKS

Claims 1-3 and 5-34 are pending in the present application. As will be discussed below, claim 4 has been cancelled and combined with claim 1. Additionally, claim 6 has been amended and new claims 16-34 have been added. No new matter has been added. Accordingly, entry of the present amendment is requested.

On page 2 of the Office Action, claim 8 has been rejected under 35 USC § 102(e) as being anticipated by U.S. Patent No. 6,057,048 to Hu et al. Additionally, referring to page 3 of the Office Action, claims 1-3, 11 and 13-15 have been rejected under 35 USC § 102(e) as being anticipated by U.S. Patent No. 6,310,360 to Forrest et al. Lastly, claims 9, 10 and 12 have been rejected under 35 USC § 103(a) as being unpatentable over Forrest in view of Hu.

Applicants respectfully traverse these rejections for the following reasons.

Hu et al. is relied upon to disclose a light-emitting compound, assertedly reading upon instant formula (E-I). Applicants respectfully submit that Hu et al. do not disclose a compound that is within the scope of formula (E-I) in the present invention. There is no specific disclosure of Hu et al. of the compound of claim 8. Furthermore, Hu et al. teach that L is preferably a conjugated bivalent group (col. 4, line 6). Hu et al. expressly teach away from the scope of formula (E-I) in the present invention. Therefore, Hu et al. fail to teach or suggest the present invention.

Accordingly, Applicants respectfully request that the rejection be withdrawn.

Forrest et al. is relied upon to disclose organic EL devices with an emissive layer comprising a host material such as 4,4'-N,N'-dicarbazolebiphenyl (CBP) which has two heterocyclic groups. Applicants respectfully submit, however, that Forrest et al. do not disclose

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Claim 4 is canceled.

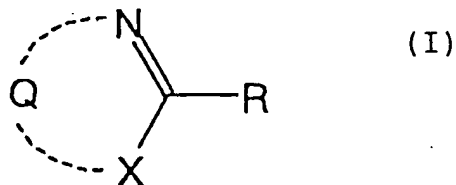
The claims are amended as follows:

1. (Amended) A light-emitting device comprising:

[a pair of electrodes formed on a substrate; and

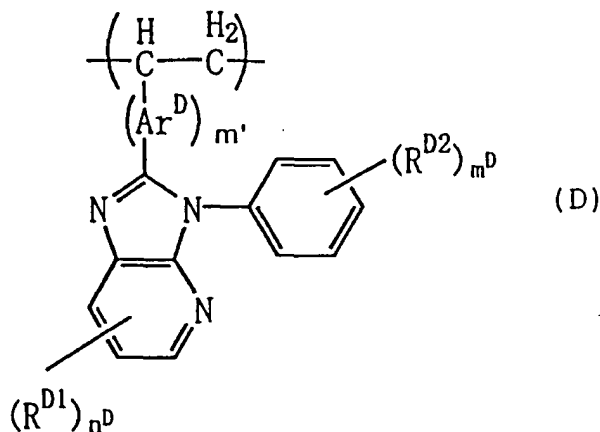
organic compound layers comprising a light-emitting layer provided in between the electrodes,

wherein at least one of the organic compound layers comprises a heterocyclic compound having at least two hetero atoms and a phosphorescent compound] at least one organic compound layer comprising a light-emitting layer between a pair of electrodes, wherein the at least one organic compound layers comprise a heterocyclic compound having at least two hetero atoms and a phosphorescent compound, and wherein the heterocyclic compound is represented by formula (I):



wherein R represents a hydrogen atom or a substituent; X represents =N- or =N-R^a; R^a represents a hydrogen atom, an aliphatic hydrogen group, an aryl group or a heterocyclic group; and Q represents an atomic group necessary for forming a 5-membered hetero ring together with N and X.

6. (Amended) [The] A light-emitting device [according to claim 1, wherein the] comprising at least one organic compound layer comprising a light-emitting layer between a pair of electrodes wherein the at least one organic compound layer comprises a heterocyclic compound [is a polymer] comprising a repeating unit represented by formula (D):



wherein Ar^D represents an arylene group or a divalent heterocyclic group; R^{D1} and R^{D2} each independently represent a hydrogen atom or a substituent; n^D represents an integer of 0 to 3; m^D represents an integer of 0 to 5; and m' represents 0 or 1.

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AMENDMENT UNDER 37 C.F.R. § 1.111

Claims 16-34 are added as new claims.

a compound that is within the scope of formula (I) in the present invention. Therefore, Forrest et al. fail to teach or suggest the present invention.

Accordingly, Applicants respectfully request that this rejection also be withdrawn.

In response to the rejection based upon Forrest et al. in view of Hu et al. under Section 103, Applicants respectfully submit that claims 9, 10 and 12 should be allowed at least by virtue of their dependence from claims which are not taught or suggested by the cited references, as discussed above.

In view of the foregoing, Applicants respectfully submit that the present claimed invention is not anticipated or rendered prima facie obvious by the cited references.

Accordingly, withdrawal of the rejections is requested.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



John T. Callahan
Registration No. 32,607

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE



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